

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-33. (Canceled)

34. (New) A package comprising:

a paper product;

a packaging material that encloses the paper product and defines a headspace therebetween;

metal modified nanoparticles having an effective particle diameter of less than about 500 nanometers, wherein the metal modified nanoparticles are configured to neutralize gaseous or odorous compounds within the headspace.

35. (New) The package of claim 34, wherein the packaging material defines an inside surface, the metal modified nanoparticles being positioned on the inside surface of the packaging material.

36. (New) The package of claim 34, wherein the metal modified nanoparticles are positioned on an insert located within the package.

37. (New) The package of claim 36, wherein the insert is attached to an inside surface of the packaging material.

38. (New) The package of claim 36, wherein the metal-modified nanoparticles cover greater than about 50% of a surface of the insert.

39. (New) The package of claim 34, wherein the nanoparticles contain silica, alumina, magnesium oxide, titanium dioxide, iron oxide, gold, zinc oxide, copper oxide, an organic compound, or combinations thereof.

40. (New) The package of claim 34, wherein the metal modified nanoparticles contain silica.

41. (New) The package of claim 34, wherein the nanoparticles are modified with a metal selected from the group consisting of copper, silver, gold, iron (II), iron (III), manganese, and combinations thereof.

42. (New) The package of claim 34, wherein the metal modified nanoparticles are copper-modified silica nanoparticles.

43. (New) The package of claim 34, wherein the metal modified nanoparticles have a surface area of at least about 200 square meters per gram.

44. (New) The package of claim 34, wherein the metal modified nanoparticles have a surface area of at least about 500 square meters per gram.

45. (New) The package of claim 34, further comprising unmodified nanoparticles blended with the metal modified nanoparticles.

46. (New) The package of claim 34, wherein the paper product is a tissue product.

47. (New) The package of claim 34, where paper product is a paper towel.

48. (New) The package of claim 34, wherein the paper product is wrapped around a cylindrical core.

49. (New) The package of claim 48, wherein the metal modified nanoparticles are applied to the cylindrical core.